

SEQUENCE LISTING

<110> Economides, Aris N.  
Stahl, Neil  
Valenzuela, David M.  
Yancopoulos, George D.

<120> Therapeutic Method For Treating Bone  
Formation Diseases

<130> REG 132B1-C

<140> to be assigned  
<141> 2003-12-12

<150> 09/897,322  
<151> 2001-07-02

<150> 08/392,935  
<151> 1995-03-03

<150> PCT/US93/08326  
<151> 1993-09-02

<150> 09/957,401  
<151> 1992-10-06

<150> 07/950,410  
<151> 1992-09-23

<150> 07/939,954  
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Val Leu Gly Leu Arg Ala Thr Pro Ala Gly Gly Gln His Tyr Leu His  
20 25 30

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Ile Arg Pro Ala Pro Ser Asp Asn Leu Pro Leu Val Asp Leu Ile Glu				
35	40	45		
cac cca gac cct atc ttt gac ccc aag gaa aag gat ctg aac gag acg His Pro Asp Pro Ile Phe Asp Pro Lys Glu Lys Asp Leu Asn Glu Thr			192	
50	55	60		
ctg ctg cgc tcg ctc ggg ggc cac tac gac cca ggc ttc atg gcc Leu Leu Arg Ser Leu Leu Gly Gly His Tyr Asp Pro Gly Phe Met Ala			240	
65	70	75	80	
acc tcg ccc ccc gag gac cg <sup>g</sup> ccc ggc ggg ggc ggg ggt gca gct ggg Thr Ser Pro Pro Glu Asp Arg Pro Gly Gly Gly Ala Ala Gly			288	
85	90	95		
ggc gcg gag gac ctg gcg gag ctg gac cag ctg cgg cag cgg cc <sup>g</sup> Gly Ala Glu Asp Leu Ala Glu Leu Asp Gln Leu Leu Arg Gln Arg Pro			336	
100	105	110		
tcg ggg gcc atg cc <sup>g</sup> agc gag atc aaa ggg cta gag ttc tcc gag ggc Ser Gly Ala Met Pro Ser Glu Ile Lys Gly Leu Glu Phe Ser Glu Gly			384	
115	120	125		
ttg gcc cag ggc aag aag cag cgc cta agc aag aag ctg cgg agg aag Leu Ala Gln Gly Lys Lys Gln Arg Leu Ser Lys Lys Leu Arg Arg Lys			432	
130	135	140		
tta cag atg tgg ctg tgg tcg cag aca ttc tgc ccc gtg ctg tac gc <sup>g</sup> Leu Gln Met Trp Leu Trp Ser Gln Thr Phe Cys Pro Val Leu Tyr Ala			480	
145	150	155	160	
tgg aac gac ctg ggc agc cgc ttt tgg cc <sup>g</sup> cgc tac gtg aag gtg ggc Trp Asn Asp Leu Gly Ser Arg Phe Trp Pro Arg Tyr Val Lys Val Gly			528	
165	170	175		
agc tgc ttc agt aag cgc tcg tgc tcc gtg ccc gag ggc atg gtg tgc Ser Cys Phe Ser Lys Arg Ser Cys Ser Val Pro Glu Gly Met Val Cys			576	
180	185	190		
aag ccg tcc aag tcc gtg cac ctc acg gtg ctg cgg tgg cgc tgt cag Lys Pro Ser Lys Ser Val His Leu Thr Val Leu Arg Trp Arg Cys Gln			624	
195	200	205		
cg <sup>g</sup> cgc ggg ggc cag cgc tgc ggc tgg att ccc atc cag tac ccc atc Arg Arg Gly Gly Gln Arg Cys Gly Trp Ile Pro Ile Gln Tyr Pro Ile			672	
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35 40 45  
His Pro Asp Pro Ile Phe Asp Pro Lys Glu Lys Asp Leu Asn Glu Thr  
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Leu Leu Arg Ser Leu Leu Gly Gly His Tyr Asp Pro Gly Phe Met Ala  
65 70 75 80  
Thr Ser Pro Pro Glu Asp Arg Pro Gly Gly Gly Ala Ala Gly  
85 90 95  
Gly Ala Glu Asp Leu Ala Glu Leu Asp Gln Leu Leu Arg Gln Arg Pro  
100 105 110  
Ser Gly Ala Met Pro Ser Glu Ile Lys Gly Leu Glu Phe Ser Glu Gly  
115 120 125  
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130 135 140  
Leu Gln Met Trp Leu Trp Ser Gln Thr Phe Cys Pro Val Leu Tyr Ala  
145 150 155 160  
Trp Asn Asp Leu Gly Ser Arg Phe Trp Pro Arg Tyr Val Lys Val Gly  
165 170 175  
Ser Cys Phe Ser Lys Arg Ser Cys Ser Val Pro Glu Gly Met Val Cys  
180 185 190  
Lys Pro Ser Lys Ser Val His Leu Thr Val Leu Arg Trp Arg Cys Gln  
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Ile Ser Glu Cys Lys Cys Ser Cys  
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 20          25          30
Ile Arg Pro Ala Pro Ser Asp Asn Leu Pro Leu Val Asp Leu Ile Glu
 35          40          45
His Pro Asp Pro Ile Phe Asp Pro Lys Glu Lys Asp Leu Asn Glu Thr
 50          55          60
Leu Leu Arg Ser Leu Leu Gly Gly His Tyr Asp Pro Gly Phe Met Ala
 65          70          75          80
Thr Ser Pro Pro Glu Asp Arg Pro Gly Gly Gly Ala Ala Gly
 85          90          95
Gly Ala Glu Asp Leu Ala Glu Leu Asp Gln Leu Leu Arg Gln Arg Pro
100         105         110
Ser Gly Ala Met Pro Ser Glu Ile Lys Gly Leu Glu Phe Ser Glu Gly
115         120         125
Leu Ala Gln Gly Leu Gln Met Trp Leu Trp Ser Gln Thr Phe Cys Pro
130         135         140
Val Leu Tyr Ala Trp Asn Asp Leu Gly Ser Arg Phe Trp Pro Arg Tyr
145         150         155         160
Val Lys Val Gly Ser Cys Phe Ser Lys Arg Ser Cys Ser Val Pro Glu
165         170         175
Gly Met Val Cys Lys Pro Ser Lys Ser Val His Leu Thr Val Leu Arg
180         185         190
Trp Arg Cys Gln Arg Arg Gly Gly Gln Arg Cys Gly Trp Ile Pro Ile
195         200         205
Gln Tyr Pro Ile Ile Ser Glu Cys Lys Cys Ser Cys
210         215         220

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